

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
TEMPORARY STREAM DIVERSION

DES:WEW

1 of 1

C&T:APPR:DMG:TWK:01-05-06

a. Description. This work consists of constructing and adjusting a temporary stream diversion system utilizing temporary culverts, sand bag cofferdams, and bypass pumping as necessary for the staged construction of the sanitary sewer and placement of riprap as detailed on the plans and as specified herein.

b. Materials. The temporary stream diversion culvert shall be constructed of two 48 inch diameter smooth-lined polyethylene pipes conforming to AASHTO M 294, Type S and meeting the strength requirements of Table 402-1 of the Standard Specifications for Construction. Sand filled bags shall meet the requirements of subsection 916.01.D.3 of the Standard Specifications for Construction.

c. Construction. The temporary stream diversion culverts shall be installed in accordance with Section 402 of the Standard Specifications for Construction except that the culverts shall be placed directly on the stream bottom. The flume tube entrances and exits shall be protected with sand bag cofferdams as detailed on the plans.

The top of the sandbag cofferdam shall match the elevations shown on the plans. Use of bypass pumping will be required when the depth of the flow in the culverts is greater than 36 inches. If the pump capacity is insufficient to prevent the stream from reaching the top of the cofferdam, the temporary stream diversion shall be removed until stream flow rates recede to a level that is within the capacity of the culverts and pumping system.

d. Measurement and Payment. The completed work as described will be paid for at the contract unit price for the following contract item (pay item):

Contract Item (Pay Item)		Pay Unit
Stream	Diversion.....	Lump
		Sum

Payment for **Stream Diversion** shall include all costs for bypass pumping as well as all labor, equipment and materials necessary to furnish, install, maintain as needed, and remove the culverts and sand bag cofferdams and to adjust their location in the stream as needed to allow for installation of sanitary sewer and riprap.